

Abstract:

The invention relates to a method for operating a gas burner:

According to the invention, the ionization signal is detected at a first point of time during full-load operation and during partial-load operation, and for this first point of time a first difference is formed between the ionization signal during full-load operation and the ionization signal during partial-load operation. Furthermore, the ionization signal is detected at a second point of time during full-load operation and during partial-load operation, and for this second point of time a second difference is formed between the ionization signal during full-load operation and the ionization signal during partial-load operation. The first difference and the second difference are compared to each other and, dependent thereon, the state of the gas burner is inferred.